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(54) Title: LOCKING MECHANISM FOR SEAT TRACK ASSEMBLY

(57) Abstract: A seat track assembly is provided for adjusting a seat assembly of an automotive vehicle having a lower track having a plurality of locking windows, an upper track slidably mounted to the lower track and having a plurality of first and second support apertures. A locking mechanism is operatively coupled between the lower and upper tracks. The locking mechanism includes a plurality of pins movable in and out of a locked position, wherein the pins project through the locking windows and are supported by the first and second support aperture in a double shearing condition to prevent sliding adjustment of the upper track relative in the lower track.

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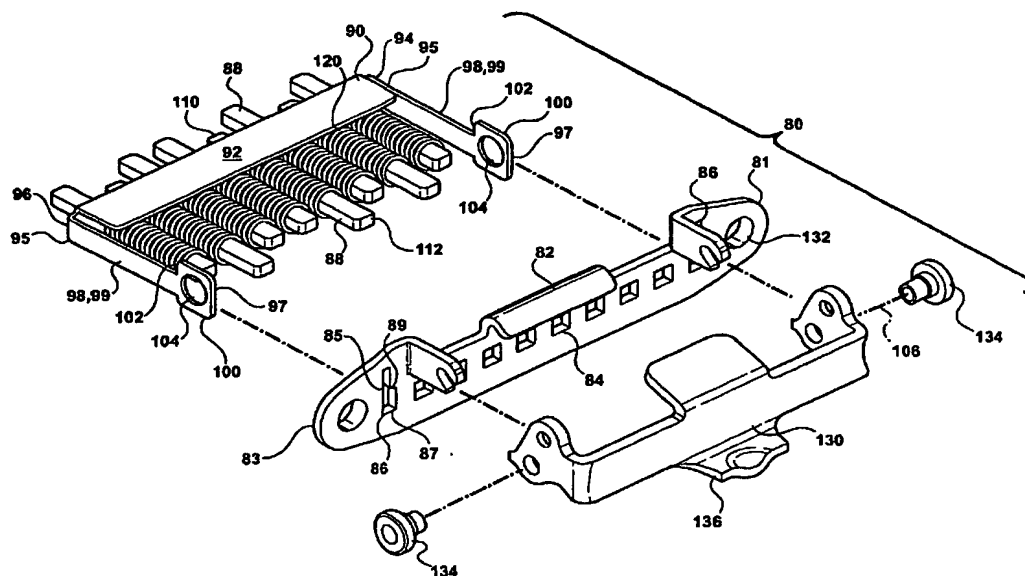
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(54) Title: LOCKING MECHANISM FOR SEAT TRACK ASSEMBLY



(57) Abstract: A seat track assembly is provided for adjusting a seat assembly of an automotive vehicle having a lower track (12) having a plurality of locking windows (74), an upper track (14) slidably mounted to the lower track and having a plurality of first (70) and second (72) support apertures. A locking mechanism (80) is operatively coupled between the lower and upper tracks. The locking mechanism includes a plurality of pins (88) movable in and out of a locked position, wherein the pins project through the locking windows and are supported by the first and second support aperture in a double shearing condition to prevent sliding adjustment of the upper track relative in the lower track.



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